

This listing of claims will replace all prior version, and listings, of claims in the application:

Listing of Claims:

1-22. CANCEL

23. (amended herein) A vibrator apparatus comprising: ~~The vibrator apparatus of claim 22,~~

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a plurality of electromagnets, including a first electromagnet and a second electromagnet,
said first electromagnet mounted to said base in a spaced apart relationship to said armature, and
said second electromagnet mounted to said base in a spaced apart relationship to said armature;
and

a source of alternating current connected to said first electromagnet and to an input of a
phase shifting circuit, an output of said phase shifting circuit being connected to said second
electromagnet,

wherein said first electromagnet is mounted at a mounting angle with respect to said second electromagnet and said phase shifting circuit phase shifts the alternating current from said source of alternating current by a phase shift angle approximately equal to said mounting angle.

24. (amended herein) A vibrator apparatus comprising: ~~The vibrator apparatus of claim~~
22,

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a plurality of electromagnets, including a first electromagnet and a second electromagnet,

said first electromagnet mounted to said base in a spaced apart relationship to said armature, and

said second electromagnet mounted to said base in a spaced apart relationship to said armature;

and

a source of alternating current connected to said first electromagnet and to an input of a
phase shifting circuit, an output of said phase shifting circuit being connected to said second
electromagnet,

wherein said first electromagnet is mounted at approximately a right angle to said second
electromagnet, and said phase shifting circuit phase shifts the alternating current from said source
of alternating current by a phase shift angle of approximately ninety degrees.

25. (amended herein) A vibrator apparatus comprising: ~~The vibrator apparatus of claim~~
22, ~~further comprising~~

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate;

a plurality of electromagnets, including a first electromagnet and a second electromagnet,
said first electromagnet mounted to said base in a spaced apart relationship to said armature, and
said second electromagnet mounted to said base in a spaced apart relationship to said armature;

a source of alternating current connected to said first electromagnet and to an input of a
phase shifting circuit, an output of said phase shifting circuit being connected to said second
electromagnet, and

a variable voltage transformer connected to said source of alternating current.

26. (amended herein) A vibrator apparatus comprising: ~~The vibrator apparatus of claim~~
22, wherein

a base;

an armature plate resiliently mounted to said base;

an armature of magnetically attracted material mounted to said armature plate, said
armature being is permanently magnetized;

a plurality of electromagnets, including a first electromagnet and a second electromagnet,
said first electromagnet mounted to said base in a spaced apart relationship to said armature, and
said second electromagnet mounted to said base in a spaced apart relationship to said armature;
and

a source of alternating current connected to said first electromagnet and to an input of a
phase shifting circuit, an output of said phase shifting circuit being connected to said second
electromagnet.

27. (amended herein) The vibrator apparatus of claim 23-22, wherein said circuit comprises a mode selector switch for selectively operating the vibration generator in a circular orbital vibratory mode, an elliptical vibratory mode and a reciprocating vibratory mode.

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